

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: M116353
Date Received: 05/03/07
Date Extracted: 05/04/07
Date Analyzed: 05/04/07
Matrix: Water
Units: ug/L (ppb)

Client: Alaskan Copper Works
Project: Metro Self Monitor, PO# M116353
Lab ID: 705041-01 x10
Data File: 705041-01 x10.023
Instrument: ICPMS1
Operator: HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	79	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	827
Nickel	609
Copper	268
Zinc	25.6

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Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank
Date Received: Not Applicable
Date Extracted: 05/04/07
Date Analyzed: 05/04/07
Matrix: Water
Units: ug/L (ppb)

Client: Alaskan Copper Works
Project: Metro Self Monitor, PO# M116353
Lab ID: I7-161 mb
Data File: I7-161 mb.016
Instrument: ICPMS1
Operator: HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	93	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Nickel	<1
Copper	<1
Zinc	<1

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ENVIRONMENTAL CHEMISTS

Date of Report: 05/08/07

Date Received: 05/03/07

Project: Metro Self Monitor, PO# M116353, F&BI 705041

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS
USING EPA METHOD 200.8**

Laboratory Code: 705037-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	<1	<1	nm	0-20
Nickel	ug/L (ppb)	1.01	<1	nm	0-20
Copper	ug/L (ppb)	103	101	2	0-20
Zinc	ug/L (ppb)	9.41	9.90	5	0-20

Laboratory Code: 705037-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	<1	101	50-150
Nickel	ug/L (ppb)	20	1.01	100	50-150
Copper	ug/L (ppb)	20	103	96 b	50-150
Zinc	ug/L (ppb)	50	9.41	92	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	108	70-130
Nickel	ug/L (ppb)	20	104	70-130
Copper	ug/L (ppb)	20	103	70-130
Zinc	ug/L (ppb)	50	92	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

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James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
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May 8, 2007



INVOICE #07ACU0508-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M116353, F&BI 705041 - Results of testing
requested by Gerry Thompson for material submitted on May 3, 2007.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 200.8 @ \$80 per sample	\$ 80.00
Rush Charges (5 day) 50% of \$80.00	<u>40.00</u>
Amount Due	\$ 120.00

FEDERAL TAX ID #

(b) (6)

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May 8, 2007

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on May 3, 2007 from the Metro Self Monitor, PO# M116353, F&BI 705041 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
ACU0508R.DOC